

# Schematron 3.4.0.190607

## June 6, 2019 update to the National Schematron file Associated with NEMESIS Version 3.4.0

**Implementation Guidance:** Since this update causes validation to be less restrictive (some records that were previously rejected will now be accepted), the NEMESIS TAC recommends that it be deployed in Receive and Process systems first, then be deployed in Collect and Send systems

# Reasons for the Update

- Stakeholder Feedback
  - Rules may not be completely accurate.
  - Several rules designed as “errors” result in States never receiving a record and, thus, the record (and “error”) remain unidentified.
  - Several rules designed as “warnings” are too restrictive, applying to records that should not be considered by the rule.

# Purpose of Rule Remediation

- Rules corrected to increase precision.
- The designation of an “error” is reserved for rules for which a violation would likely be due to software design or set-up.
- Rules redesigned to more directly target situations germane to the purpose of the rule.

## Increasing Rule Precision

When Resuscitation Attempted By EMS contains "Attempted Ventilation", Type of CPR Provided should contain "Ventilation...".

*"Compressions-Intermittent with Ventilation" now satisfies the assertion.*

Associated with eArrest.03

# Change “Errors” to “Warnings”

Based on Incident/Patient Disposition, the following should be recorded: (EMS Transport Method, Transport Mode from Scene, Reason for Choosing Destination, Type of Destination)

*Changed from ERROR to WARNING*

Associated with eDisposition.12

When Medication Dosage is recorded,  
Medication Dosage Units should be recorded.

*Changed from ERROR to WARNING.*

Associated with eMedications.05

## Targeting Business Rules

When Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Arrest is "Yes..." or Stroke Scale Score is "Positive" or Cardiac Rhythm / Electrocardiography (ECG) is "STEMI...", Hospital Capability should be recorded.

Associated with eDisposition.21

## Rule Removed

~~When Type of Destination is not "Hospital..." or "Freestanding Emergency Department", the following should be "Not Applicable": (Hospital In-Patient Destination, Hospital Capability).~~

Associated with eDisposition.21



# Contact Lisa Young with any questions

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